

**REMARKS**

In this Final Office Action, the Examiner rejected claims 1-17 under 35 U.S.C. § 102(b) as being anticipated by *Bollella* ("Bollella"), U.S. Patent Application No. 2001/0054055.

By this amendment, Applicant amends claims 1-3, 10-12, and 17. Claims 1-17 remain pending.

Applicant respectfully traverses the rejection of the claims under 35 U.S.C. § 102(b) as being anticipated by *Bollella*. *Bollella* fails to disclose each and every element of claimed invention.

For example, independent claim 1 recites, among other things, an information processing apparatus comprising a process manager that:

receives an interrupt request having a maximum time that execution of an interrupt associated with the interrupt request can be delayed from receipt of the interrupt request and requiring an OS other than the OS executing in the current partition to execute the interrupt,

determines whether the time to a next scheduled switch to the required OS is less than the maximum allowable delay time from receipt of the interrupt request, and

when the time to the next scheduled switch is less than the maximum allowable delay time from receipt of the interrupt request, causes the required OS to execute the interrupt request at the time of the next scheduled switching.

*Bollella* fails to disclose at least the claimed process manager.

*Bollella* discloses a method of supporting a real-time computing within a general purpose operating system by supporting co-resident operating systems. Abstract. To achieve this, *Bollella* discloses providing an interrupt path to ensure that a multiplexer is executed whenever the real-time kernel requests service of a device. ¶ [0048]. *Bollella*

also discloses that all interrupts must be disabled until the desired resources are allocated to the appropriate operating system. *Id.*

However, *Bollella* fails to disclose that “when the time to the next scheduled switch is less than the maximum allowable delay time from receipt of the interrupt request, causes the required OS to execute the interrupt request at the time of the next scheduled switching.” Accordingly, *Bollella* fails to anticipate claim 1.

Independent claims 10 and 17, while different in scope, are allowable for at least similar reasons to those discussed above with respect to claim 1. Claims 2-9 and 11-16 depend from one of claims 1 and 10, and are allowable at least due to their dependence.

Applicant respectfully requests that this Amendment under 37 C.F.R. § 1.116 be entered by the Examiner, placing claims 1-17 in condition for allowance. Applicant submits that the proposed amendments of claims 1, 10, and 17 do not raise new issues or necessitate the undertaking of any additional search of the art by the Examiner, since all of the elements and their relationships claimed were either earlier claimed or inherent in the claims as examined. Therefore, this Amendment should allow for immediate action by the Examiner.

Furthermore, Applicant respectfully points out that the final action by the Examiner presented some new arguments as to the application of the art against Applicant's invention. It is respectfully submitted that the entering of the Amendment would allow the Applicant to reply to the final rejections and place the application in condition for allowance.

Finally, Applicant submits that the entry of the amendment would place the application in better form for appeal, should the Examiner dispute the patentability of the pending claims.

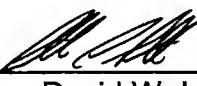

In view of the foregoing remarks, Applicant submits that this claimed invention, as amended, is neither anticipated nor rendered obvious in view of the prior art references cited against this application. Applicant therefore requests the entry of this Amendment, the Examiner's reconsideration and reexamination of the application, and the timely allowance of the pending claims.

Please grant any extensions of time required to enter this response and charge any additional required fees to Deposit Account 06-0916.

Respectfully submitted,

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